

Internet Services & Web Development

1. How to include JavaScript statements in an HTML file

a. Method 1

```
<body>

<h1>Method 1 – Display javascript codes </h1>
<script>
document.write("Hello World");
</script>

</body>
```

b. Method

```
<h1> Method 2 – Display javascript codes </h1>
<p id="demo"></p>
<script>
document.getElementById("demo").innerHTML = "Hello World";
</script>
```

c. Method 3

```
<h1> Method 3 – Button </h1>
<button type="button" onclick='document.write("Hello")'>Click Me</button>
```

d. Method 4

```
<h1> Method 4 – Pop up window </h1>
<script>
window.alert(
    "Hello");
</script>
```

2.

- a. Write JavaScript code to display “**Hello, World!**” on the web page.
- b. Create two variables **a** and **b**, assign values to **a** and **b**, and display **sum** on the web page.
- c. Create a button. When the button is clicked, display an alert saying “**Button Clicked!**”.
- d. Write JavaScript code to change the text of a paragraph when a button is clicked.
- e. Write JavaScript code to display the **current date and time** on the web page.

3. Writing JavaScript Functions

- a. Create the following html file that shows how to write and call javascript functions in body section

```
<!DOCTYPE html>
<html>
<body>
<h2>JavaScript function in Body</h2>
```

```

<p id="demo"></p>
<script>
function myFunction() {
    document.getElementById("demo").innerHTML = "Hello World";
}
myFunction()
</script>

</body>
</html>

```

- b. Include the above function in <head> section and call the function in body section
- c. Modify your script to call the function in an html button

4.

- a. Practice the following examples

```

<html>
<head>
<script>
function disp_prompt()
{
var name=prompt("Please enter your name","No Name");
{
document.write("Hello " + name + "! How are you today?");
}
}
</script>
</head>
<body>

<input type="button" onclick="disp_prompt()" value="Click Here" />

</body>

```

```

<html>
<head>
<script type="text/javascript">
function disp_alert()
{
alert("Hello !" + '\n\n' + "This is a test");
}
</script>
</head>
<body>
<input type="button" onclick="disp_alert()" value="Test alert" />
</body>

```

- b. Write html and java script to do the following questions.

When the page opens, prompt user for his/her last name followed by first name. After name has been entered, display alert dialog box with the name that he(she) entered

5.

- a. Create a form to enter two numbers. When user clicks the submit button of the form summation value of the two numbers should be displayed in a text box.

Enter first number

Enter Second Number

Answer
